

L Number	Hits	Search Text	DB	Time stamp
1	178	((bayesian near network) and (invest\$6 or stock or market or broker\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:41
2	48	((((bayesian near network) and (invest\$6 or stock or market or broker\$6))) and (dss or (decision near2 support)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:31
3	135	bayesian near2 belief near2 network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:40
4	48	((bayesian near2 belief near2 network) and (invest\$6 or stock or market or broker\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:41
5	37	((((bayesian near2 belief near2 network) and (invest\$6 or stock or market or broker\$6))) not (((bayesian near network) and (invest\$6 or stock or market or broker\$6))) and (dss or (decision near2 support)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:41
-	271	belief near network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:14
-	457	bayesian near network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 12:47
-	106	(belief near network) and (bayesian near network)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:40
-	102	((belief near network) and (bayesian near network)) and probab\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 12:48
-	24	((((belief near network) and (bayesian near network)) and probab\$8) and (stock or market or broker\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:08
-	23	((((belief near network) and (bayesian near network)) and probab\$8) and invest\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:08
-	12	((((belief near network) and (bayesian near network)) and probab\$8) and invest\$6) not (((belief near network) and (bayesian near network)) and probab\$8) and (stock or market or broker\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 14:29
-	259	(706/16).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:14
-	492	(706/20).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:14

-	809	(706/25).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:14
-	659	(706/45).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15
-	349	(706/46).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15
-	330	(706/47).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15
-	120	(706/48).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15
-	195	(706/26).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15
-	55	(706/925).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/10 13:15



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Full Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 SEARCH

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Bayesian Network Classifiers

Full text



Source

Machine Learning archiveVolume 29, Issue 2-3 Nov./Dec. 1997 [table of contents](#)

Special issue on learning with probabilistic representations

Pages: 131 - 163

Year of Publication: 1997

ISSN:0885-6125

Authors

[Nir Friedman](#)

Computer Science Division, 387 Soda Hall, University of California, Berkeley, CA 94720. E-mail:

nir@cs.berkeley.edu[Dan Geiger](#)Computer Science Department, Technion, Haifa, Israel, 32000. E-mail: dang@cs.technion.ac.il[Moises](#)[Goldszmidt](#)SRI International, 333 Ravenswood Ave., Menlo Park, CA 94025. E-mail: moises@erg.sri.com

Publisher

Kluwer Academic Publishers Hingham, MA, USA

 Additional Information: [abstract](#) [citations](#) [index terms](#) [collaborative colleagues](#)

Tools and Actions:

[Discussions](#)[Find similar Articles](#)[Review this Article](#)[Save this Article to a Binder](#)[Display in BibTex Format](#)

↑ ABSTRACT

Recent work in supervised learning has shown that a surprisingly simple Bayesian classifier with strong assumptions of independence among features, called naive Bayes, is competitive with state-of-the-art classifiers such as C4.5. This fact raises the question of whether a classifier with less restrictive assumptions can perform even better. In this paper we evaluate approaches for inducing classifiers from data, based on the theory of learning Bayesian networks. These networks are factored representations of probability distributions that generalize the naive Bayesian classifier and explicitly represent statements about independence. Among these approaches we single out a method we call Tree Augmented Naive Bayes (TAN), which outperforms naive Bayes, yet at the same time maintains the computational simplicity (no search involved) and robustness that characterize naive Bayes. We experimentally tested these approaches, using problems from the University of California at Irvine repository, and compared them to C4.5, naive Bayes, and wrapper methods for feature selection.

↑ CITINGS 27

[Patrick Caldon, Using text classification to predict the gene knockout behaviour of *S. Cerevisiae*, Proceedings of the First Asia-Pacific bioinformatics conference on Bioinformatics 2003, p.211-214, February 01, 2003, Adelaide, Australia](#)

[Jesús Cerquides, Applying general Bayesian techniques to improve TAN induction, Proceedings of the fifth ACM SIGKDD international conference on Knowledge discovery and data mining, p.292-296, August 15-18, 1999, San Diego, California, United States](#)

[Petri Kontkanen, Jussi Lahtinen, Petri Myllymäki, Henry Tirri, Unsupervised Bayesian visualization of high-dimensional data, Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining, p.325-329, August 20-23, 2000, Boston, Massachusetts, United States](#)

Sean M. McNee , Istvan Albert , Dan Cosley , Prateep Gopalkrishnan , Jhyong K. Lam , Al Mamunur Rashid , Joseph A. Konstan , John Riedl , On the recommending of citations for research papers, Proceedings of the 2002 ACM conference on Computer supported cooperative work, November 16-20, 2002, New Orleans, Louisiana, USA

Eitel J. M. Lauria , Giri Kumar Tayi , Bayesian data mining and knowledge discovery, Data mining: opportunities and challenges, Idea Group Publishing, Hershey, PA, 2003

Mieczyslaw Alojzy Klopotek , A new Bayesian tree learning method with reduced time and space complexity, Fundamenta Informaticae, v.49 n.4, p.349-367, February 2002

Moises Goldszmidt , Derek Palma , Bikash Sabata , On the quantification of e-business capacity, Proceedings of the 3rd ACM conference on Electronic Commerce, p.235-244, October 14-17, 2001, Tampa, Florida, USA

Dimitris Fragoudis , Dimitris Meretakakis , Spiros Likothanassis , Integrating feature and instance selection for text classification, Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining, July 23-26, 2002, Edmonton, Alberta, Canada

Yong Huang , Kap Luk Chan , Zhihua Zhang , Texture classification by multi-model feature integration using Bayesian networks, Pattern Recognition Letters, v.24 n.1-3, p.393-401, January 2003

Franz Pernkopf , Paul O'Leary , Floating search algorithm for structure learning of Bayesian network classifiers, Pattern Recognition Letters, v.24 n.15, p.2839-2848, November 2003

Dimitris Meretakakis , Dimitris Fragoudis , Hongjun Lu , Spiros Likothanassis , Scalable association-based text classification, Proceedings of the ninth international conference on Information and knowledge management, p.5-11, November 06-11, 2000, McLean, Virginia, United States

Ke Wang , Senqiang Zhou , Yu He , Growing decision trees on support-less association rules, Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining, p.265-269, August 20-23, 2000, Boston, Massachusetts, United States

Dimitris Meretakakis , Beat Wüthrich , Extending naïve Bayes classifiers using long itemsets, Proceedings of the fifth ACM SIGKDD international conference on Knowledge discovery and data mining, p.165-174, August 15-18, 1999, San Diego, California, United States

Amir Ben-Dor , Nir Friedman , Zohar Yakhini , Class discovery in gene expression data, Proceedings of the fifth annual international conference on Computational biology, p.31-38, April 22-25, 2001, Montreal, Quebec, Canada

Ion Androutsopoulos , John Koutsias , Konstantinos V. Chandrinos , Constantine D. Spyropoulos , An experimental comparison of naïve Bayesian and keyword-based anti-spam filtering with personal e-mail messages, Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval, p.160-167, July 24-28, 2000, Athens, Greece

Hillol Kargupta , Byung-Hoon Park , Sweta Pittie , Lei Liu , Deepali Kushraj , Kakali Sarkar , MobiMine: monitoring the stock market from a PDA, ACM SIGKDD Explorations Newsletter, v.3 n.2, January 2002

B. Stewart , Predicting project delivery rates using the Naive-Bayes classifier, Journal of Software Maintenance: Research and Practice, v.14 n.3, p.161-179, May 2002

Georgios Lappas , Vivian Ambrosiadou , Binary and multicategory classification accuracy of the LSA machine, Proceedings of the international conference on Computational methods in sciences and engineering, p.340-345, September 12-16, 2003, Kastoria, Greece

Yoseph Barash , Nir Friedman , Context-specific Bayesian clustering for gene expression data, Proceedings of the fifth annual international conference on Computational biology, p.12-21, April 22-

25, 2001, Montreal, Quebec, Canada

Nir Friedman , Ronny Kohavi, Data mining tasks and methods: Classification: Bayesian classification, Handbook of data mining and knowledge discovery, Oxford University Press, Inc., New York, NY, 2002

Russell Greiner , Wei Zhou, Structural extension to logistic regression: discriminative parameter learning of belief net classifiers, Eighteenth national conference on Artificial Intelligence, p.167-173, July 28-August 01, 2002, Edmonton, Alberta, Canada

Ira Cohen , Nicu Sebe , Ashutosh Garg , Lawrence S. Chen , Thomas S. Huang, Facial expression recognition from video sequences: temporal and static modeling, Computer Vision and Image Understanding, v.91 n.1-2, p.160-187, July 2003

Yoseph Barash , Gal Elidan , Nir Friedman , Tommy Kaplan, Modeling dependencies in protein-DNA binding sites, Proceedings of the seventh annual international conference on Computational molecular biology, p.28-37, April 10-14, 2003, Berlin, Germany

Jose M. Peña , Jose A. Lozano , Pedro Larrañaga, Learning Recursive Bayesian Multinets for Data Clustering by Means of Constructive Induction, Machine Learning, v.47 n.1, p.63-89, April 2002

Jie Cheng , Russell Greiner , Jonathan Kelly , David Bell , Weiru Liu, Learning Bayesian networks from data: an information-theory based approach, Artificial Intelligence, v.137 n.1-2, p.43-90, May 2002

Russell Greiner , Christian Darken , N. Iwan Santoso, Efficient reasoning, ACM Computing Surveys (CSUR), v.33 n.1, p.1-30, March 2001

Michael Berthold , David J. Hand, References, Intelligent data analysis, Springer-Verlag New York, Inc., New York, NY, 2003

↑ INDEX TERMS

Primary Classification:

I. Computing Methodologies

↳ I.5 PATTERN RECOGNITION

↳ I.5.2 Design Methodology

↳ **Subjects:** Classifier design and evaluation

Additional Classification:

F. Theory of Computation

↳ F.1 COMPUTATION BY ABSTRACT DEVICES

↳ F.1.2 Modes of Computation

↳ **Subjects:** Probabilistic computation

G. Mathematics of Computing

↳ G.2 DISCRETE MATHEMATICS

↳ G.2.2 Graph Theory

↳ **Subjects:** Network problems

I. Computing Methodologies

↳ I.2 ARTIFICIAL INTELLIGENCE

General Terms:

• [Design](#), [Experimentation](#), [Measurement](#), [Performance](#), [Theory](#), [Verification](#)

Keywords:

[Bayesian networks](#), [classification](#)

↑ Collaborative Colleagues:

Nir Friedman :	David Andre Yoseph Barash Gill Bejerano Amir Ben-Dor Craig Boutilier Ronen I. Brafman Laurakay Bruhn Richard Dearden Shlomo Dubnov Tal El-Hay Gal Elidan	Dan Geiger Lisa Getoor Lise Getoor Moisés Goldszmidt Moises Goldszmidt Joseph Y. Halpern Tommy Kaplan Ronny Kohavi Daphne Koller Thomas J. Lee Michal Linial	Noam Lotner Ori Mosenzon Iftach Nachman Matan Ninio Ronald Parr Dana Pe'er Itzik Pe'er Avi Pfeffer Tal Pupko Stuart Russell Michèl Schummer	Dale Schuurmans Eran Segal Shai Shalev-Shwartz Itamar Simon Yoram Singer Noam Slonim Benjamin Taskar Naftali Tishby Zohar Yakhini
Dan Geiger :	Reuven Bar-Yehuda Ann Becker Kristin P. Bennett David M. Chickering Usama Fayyad Maáyan Fishelson Nir Friedman Moises Goldszmidt Gideon Greenspan David Heckerman	Yechezkel Kashi Noam Lotner Christopher Meek Joseph (Seffi) Naor Azaria Paz Judea Pearl Ron M. Roth Prakash Pundalik Shenoy Thomas Verma Ydo Wexler	Zohar Yakhini	
Moises Goldszmidt :	Nir Friedman Dan Geiger Derek Palma Bikash Sabata			

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **53** of **1034809** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

stocks<and>decision <near> support

Search

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

46 **PDM: a knowledge-based tool for model construction**

Krishnan, R.;

System Sciences, 1989. Vol.III: Decision Support and Knowledge Based Systems Track, Proceedings of the Twenty-Second Annual Hawaii International Conference on , Volume: 3 , 3-6 Jan. 1989
Pages:467 - 474 vol.3

[Abstract] [PDF Full-Text (620 KB)] IEEE CNF

47 **PM: a logic modeling language for production, distribution and inventory planning**

Krishnan, R.;

System Sciences, 1988. Vol.III. Decision Support and Knowledge Based Systems Track, Proceedings of the Twenty-First Annual Hawaii International Conference on , Volume: 3 , 5-8 Jan. 1988
Pages:452 - 460

[Abstract] [PDF Full-Text (796 KB)] IEEE CNF

48 **Case history-a wallpaper manufacturer moves towards JIT**

Tunncliffe Wilson, J.C.;

Systems Engineering Contribution to Increased Profitability, IEE Specialist Seminar , 31 Oct 1989
Pages:5/1 - 5/6

[Abstract] [PDF Full-Text (320 KB)] IEE CNF

49 **Case history-a wallpaper manufacturer moves towards JIT**

Tunncliffe Wilson, J.C.;

Systems Engineering Contribution to Increased Profitability, IEE Colloquium on , 31 Oct 1989
Pages:5/1 - 5/6

[Abstract] [PDF Full-Text (320 KB)] IEE CNF

50 Developing a triggering system for real-time databases in distributed environment

Hye-Sook Yoon; Hyuk Han; Young-Kuk Kim; Sung-Il Jin;

Object-Oriented Real-Time Distributed Computing, 2001. ISORC - 2001.

Proceedings. Fourth IEEE International Symposium on , 2-4 May 2001

Pages:366 - 371

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) [IEEE CNF](#)

51 Information and knowledge exchange in a multi-agent system for stock trading

Yuan Luo; Davis, D.N.; Kecheng Liu;

Enterprise Networking, Applications and Services Conference Proceedings,

2001 , 4-6 June 2001

Pages:47 - 55

[\[Abstract\]](#) [\[PDF Full-Text \(23063 KB\)\]](#) [IEEE CNF](#)

52 Proceedings of 2002 International Conference on Machine Learning and Cybernetics (Cat.No.02EX583)

Machine Learning and Cybernetics, 2002. Proceedings. 2002 International

Conference on , Volume: 2 , 4-5 Nov. 2002

[\[Abstract\]](#) [\[PDF Full-Text \(1409 KB\)\]](#) [IEEE CNF](#)

53 Strategic management of technology, the logic of knowledge logistics

Meijer, B.R.;

Engineering Management Society, 2000. Proceedings of the 2000 IEEE , 13-15

Aug. 2000

Pages:111 - 116

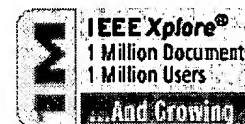
[\[Abstract\]](#) [\[PDF Full-Text \(588 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#)



IEEE Xplore®
RELEASE 1.7

Welcome
United States Patent and Trademark Office



» Search Results

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **53** of **1034809** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

stocks<and>decision <near> support

[Search](#)

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 **Application of techniques of computational intelligence for constructing reliable decision support systems**

Baba, N.; Asakawa, H.; Sato, K.;

Neural Networks, 1999. IJCNN '99. International Joint Conference on , Volume: 6 , 10-16 July 1999
Pages:3856 - 3859 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) IEEE CNF

17 **An object-oriented tool-kit for building CSP decision support systems**

Jaliff, D.; Dagnino, A.;

Systems, Man and Cybernetics, 1995. 'Intelligent Systems for the 21st Century', IEEE International Conference on , Volume: 4 , 22-25 Oct. 1995
Pages:3201 - 3206 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(560 KB\)\]](#) IEEE CNF

18 **A forecasting support system based on neural network**

Yuang Dongli; Yan Jianguo; Xi Qingbiao; Zhang Hongcai;

Intelligent Control and Automation, 2000. Proceedings of the 3rd World Congress on , Volume: 2 , 28 June-2 July 2000
Pages:1036 - 1039 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) IEEE CNF

19 **Application of soft computing techniques for dealing Tokyo stock exchange prices indexes (TOPIX)**

Baba, N.; Asakawa, H.; Inoue, N.;

Knowledge-Based Intelligent Information Engineering Systems, 1999. Third International Conference , 31 Aug.-1 Sept. 1999
Pages:542 - 545

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEEE CNF

20 A neural network that explains as well as predicts financial market behavior

Ornes, C.; Sklansky, J.;

Computational Intelligence for Financial Engineering (CIFER), 1997., Proceedings of the IEEE/IAFE 1997 , 24-25 March 1997

Pages:43 - 49

[\[Abstract\]](#) [\[PDF Full-Text \(500 KB\)\]](#) IEEE CNF

21 Reliability, availability, and maintainability expert system (RAMES)

Hansen, W.A.; Edson, B.N.; Larter, P.C.;

Reliability and Maintainability Symposium, 1992. Proceedings., Annual , 21-23 Jan. 1992

Pages:478 - 482

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) IEEE CNF

22 Intelligent decision support systems utilizing neural networks and temporal difference learning

Baba, N.;

Knowledge-Based Intelligent Electronic Systems, 1998. Proceedings KES '98. 1998 Second International Conference on , Volume: 1 , 21-23 April 1998

Pages:2 - 12 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(768 KB\)\]](#) IEEE CNF

23 Production planning and scheduling using a fuzzy decision system

Custodio, L.M.M.; Sentieiro, J.J.S.; Bispo, C.F.G.;

Robotics and Automation, IEEE Transactions on , Volume: 10 , Issue: 2 , April 1994

Pages:160 - 168

[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) IEEE JNL

24 Resource configuration and allocation-a case study of constrained heuristic search

Sathi, N.; Fox, M.S.; Goyal, R.; Kott, A.S.;

Expert, IEEE [see also IEEE Intelligent Systems] , Volume: 7 , Issue: 2 , April 1992

Pages:26 - 35

[\[Abstract\]](#) [\[PDF Full-Text \(1260 KB\)\]](#) IEEE JNL

25 A decoupling inventory model and an application

Pulat, B.M.; Pulat, P.S.;

Engineering Management, IEEE Transactions on , Volume: 39 , Issue: 1 , Feb. 1992

Pages:73 - 76

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEEE JNL

26 System dynamics modelling in supply chain management: research review

Angerhofer, B.J.; Angelides, M.C.;

Simulation Conference Proceedings, 2000. Winter , Volume: 1 , 10-13 Dec. 2000

Pages:342 - 351 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(824 KB\)\]](#) IEEE CNF

27 Research of supply chain decision support system based on self-organization

Lei Lin; Wang Wei; Ren Shouju; Liu Wenhuan;

Intelligent Control and Automation, 2000. Proceedings of the 3rd World Congress on , Volume: 3 , 28 June-2 July 2000

Pages:1926 - 1930 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) IEEE CNF

28 Hybrid network architecture: a prospective integrated information infrastructure for manufacturing enterprise

Yue Zhuo; JiuLing Li; Hong Wang; QiuFeng Wu;

Intelligent Processing Systems, 1997. ICIPS '97. 1997 IEEE International Conference on , Volume: 2 , 28-31 Oct. 1997

Pages:1659 - 1663 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(571 KB\)\]](#) IEEE CNF

29 Service differentiation in real-time main memory databases

Kyoung-Don Kang; Son, S.H.; Stankovic, J.A.;

Object-Oriented Real-Time Distributed Computing, 2002. (ISORC 2002). Proceedings. Fifth IEEE International Symposium on , 29 April-1 May 2002

Pages:119 - 128

[\[Abstract\]](#) [\[PDF Full-Text \(326 KB\)\]](#) IEEE CNF

30 Proceedings of the 2002 International Joint Conference on Neural Networks. IJCNN'02 (Cat. No.02CH37290)

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joint Conference on , Volume: 2 , 12-17 May 2002

Pages:i - xlviii

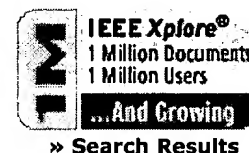
[\[Abstract\]](#) [\[PDF Full-Text \(1930 KB\)\]](#) IEEE CNF

[Prev](#) [1](#) [2](#) [3](#) [4](#) [Next](#)



IEEE Xplore
RELEASE 1.7

Welcome
United States Patent and Trademark Office



[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

[Quick Links](#)

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Print Format

Your search matched **53** of **1034809** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

stocks<and>decision <near> support

[Search](#)

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **Collective intelligence: a new approach to stock price forecasting**

Kaplan, C.A.;

Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Volume: 5 , 7-10 Oct. 2001

Pages:2893 - 2898 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(470 KB\)\]](#) IEEE CNF

2 **Fuzzy logic based stock trading system**

Simutis, R.;

Computational Intelligence for Financial Engineering, 2000. (CIFEr) Proceedings of the IEEE/IAFE/INFORMS 2000 Conference on , 26-28 March 2000

Pages:19 - 21

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) IEEE CNF

3 **Application of fuzzy multiple attribute decision making on company analysis for stock selection**

Ta-Chung Chu; Chung-Tsen Tsao; Yeou-Ren Shiue;

Fuzzy Systems Symposium, 1996. 'Soft Computing in Intelligent Systems and Information Processing', Proceedings of the 1996 Asian , 11-14 Dec. 1996

Pages:509 - 514

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF

4 **Fuzzy neural systems for decision making**

Wong, F.S.; Wang, P.Z.; Goh, T.H.;

Neural Networks, 1991. 1991 IEEE International Joint Conference on , 18-21 Nov. 1991

Pages:1625 - 1637 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) IEEE CNF

5 **An intelligent decision support system for stock investment**

Moon, Y.S.; Yau, C.; Yip, W.M.;

TENCON '89. Fourth IEEE Region 10 International Conference , 22-24 Nov. 1989

Pages:956 - 959

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) IEEE CNF

6 Utilization of neural network for constructing a user friendly decision support system to deal stocks

Baba, N.; Handa, H.;

Neural Networks, 1995. Proceedings., IEEE International Conference on , Volume: 2 , 27 Nov.-1 Dec. 1995

Pages:818 - 823 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) IEEE CNF

7 Co-evolutionary multi-agent-based modeling of artificial stock market by using the GP approach

Xiaorong Chen;

Computational Intelligence for Financial Engineering, 2003. Proceedings. 2003 IEEE International Conference on , 20-23 March 2003

Pages:159 - 165

[\[Abstract\]](#) [\[PDF Full-Text \(749 KB\)\]](#) IEEE CNF

8 A rule-based neural stock trading decision support system

Seng-Cho Timothy Chou; Chau-Chen Yang; Chi-Huang Chan; Feipei Lai;

Computational Intelligence for Financial Engineering, 1996., Proceedings of the IEEE/IAFE 1996 Conference on , 24-26 March 1996

Pages:148 - 154

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) IEEE CNF

9 A multi-agent decision support system for stock trading

Yuan Luo; Kecheng Liu; Davis, D.N.;

Network, IEEE , Volume: 16 , Issue: 1 , Jan.-Feb. 2002

Pages:20 - 27

[\[Abstract\]](#) [\[PDF Full-Text \(2083 KB\)\]](#) IEEE JNL

10 A stock market forecasting support system based on fuzzy logic

Hiemstra, Y.;

System Sciences, 1994. Vol.III: Information Systems: Decision Support and Knowledge-Based Systems, Proceedings of the Twenty-Seventh Hawaii International Conference on , Volume: 3 , 4-7 Jan. 1994

Pages:281 - 287

[\[Abstract\]](#) [\[PDF Full-Text \(444 KB\)\]](#) IEEE CNF

11 Stock trading decision support system using a rule selector based on sliding window

Jung-Hua Wang; Shiuan-Ming Chen; Jia-Yann Leu;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 1 , 12-15 Oct. 1997

Pages:559 - 564 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) IEEE CNF

12 Evolutionary stock trading decision support system using sliding window

Jung-Hua Wang; Shiuan-Ming Chen;

Evolutionary Computation Proceedings, 1998. IEEE World Congress on Computational Intelligence., The 1998 IEEE International Conference on , 4-9 May 1998

Pages:253 - 258

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) [IEEE CNF](#)

13 Dynamic trading decision support system using rule selector based on genetic algorithms

Jung-Hua Wang; Jia-Yann Leu;

Neural Networks for Signal Processing [1996] VI. Proceedings of the 1996 IEEE Signal Processing Society Workshop , 4-6 Sept. 1996

Pages:119 - 128

[\[Abstract\]](#) [\[PDF Full-Text \(468 KB\)\]](#) [IEEE CNF](#)

14 Utilization of neural networks and GAs for constructing reliable decision support systems to deal stocks

Baba, N.; Inoue, N.; Asakawa, H.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on , Volume: 5 , 24-27 July 2000

Pages:111 - 116 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) [IEEE CNF](#)

15 Utilization of soft computing techniques for constructing reliable decision support systems for dealing stocks

Baba, N.; Inoue, N.; Yan Yanjun;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joint Conference on , Volume: 3 , 12-17 May 2002

Pages:2150 - 2155

[\[Abstract\]](#) [\[PDF Full-Text \(612 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [3](#) [4](#) [Next](#)



Web Images Groups News Froogle^{New!} more »

bayesian +network +stock

Search

Advanced Search
Preferences

Web

Results 1 - 10 of about 18,800 for **bayesian +network +stock**. (0.42 second)

[PDF] A recipe for Bayesian network driven fisheries stock assessment

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... C 1985 I 1987 P 1987 C 1986 I 1988 P 1988 C 1987 I 1989 P 1989 C 1988 P 1990 C 1989

τ A recipe for **Bayesian network** driven fisheries **stock** assessment Figure 1 ...

www.ams.ucsc.edu/bayes03/uploads/Hammond_Tim.pdf - [Similar pages](#)

[PDF] Comparing Artificial Intelligence Systems for Stock Portfolio ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... year, we can see that the **Bayesian network** system works ... given by the domain expert when constructing the **network**. ... Empirical Bayes **stock** market portfolios. ...

depts.washington.edu/sce2003/Papers/236.pdf - [Similar pages](#)

Bayesian Network Classifiers

... **Bayesian Network** Classifiers. Full text, Full text available on the Publisher sitePublisher Site. Source, Machine Learning archive Volume 29 , Issue 2-3 Nov./Dec. ...

portal.acm.org/citation.cfm?id=274161&dl=ACM&coll=GUIDE&CFID=11111111&CFTOKEN=2222222 - [Similar pages](#)

[PDF] Information flow among fishing vessels modelled using a Bayesian ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... cod (*Gadus morhua*) management by **Bayesian** influence diagrams ... and applied consequences in **stock** assessment studied ... A belief **network** approach to optimization and ...

www.cse.csiro.au/research/cabm/LittleETAL.pdf - [Similar pages](#)

MobiMine: Monitoring the Stock Market from a PDA - Kargupta, Park ...

... incremental processing: Tracking concept drift (context) - Schlimmer, Jr - 1986

19 **Bayesian network** classifiers ... 1999 4 Intelligent **stock** market forecasting ...

citeseer.ist.psu.edu/kargupta01mobimine.html - 24k - [Cached](#) - [Similar pages](#)

[PDF] A Bayesian Network Approach to the Self-organization and Learning ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. A **Bayesian Network** Approach to the Self-organization and Learning in Intelligent Agents Ferat Sahin Dissertation submitted to the Faculty of Virginia ...

scholar.lib.vt.edu/theses/available/etd-09202000-00230057/unrestricted/Dissertation.pdf - [Similar pages](#)

[PDF] Bayesian Learning with Selective Subsets of Populations in Genetic ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... has shown that an evolutionary search for this type of **Bayesian Network** in which ... reasonable results in the prediction of both synthesized and **stock** market data ...

www.utc.edu/Faculty/Andy-Novobilski/%5Cnovobilski_annie02.pdf - [Similar pages](#)

[PDF] Time Series Prediction using Artificial Intelligence Techniques

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... of such systems include weather prediction and **stock** market prediction. ... the results adversely affected 2. BACKGROUND & MOTIVATION **Bayesian Network** A **Bayesian** ...

people.cs.uct.ac.za/~jstclair/downloads/Paper.pdf - [Similar pages](#)

Gene regulatory network - encyclopedia article about Gene ...

... not restricted to representing random variables; this is what is "**Bayesian**" about a **Bayesian network**. ... example is the opening price of a share or **stock** based on ...

encyclopedia.thefreedictionary.com/gene%20regulatory%20network - 25k - [Cached](#) - [Similar pages](#)

CRITERIA 4.4951243

... 4 REPETITION 0.5 SCORE 2.0 rang... **bayesian-network** 3 ... 0.6666666 SCORE .9999999 technique
1 **bayesian-technique** 2 ... 0.0 SCORE 0.0 microsoft-**stock** 1 investment 1 ...

www1.cs.columbia.edu/nlp/summarization-test/ summary-test/net/Text_psegm.html - 9k - [Cached](#) - [Similar pages](#)

Goooooooooooooogle ►

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

bayesian +network +stock

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google